

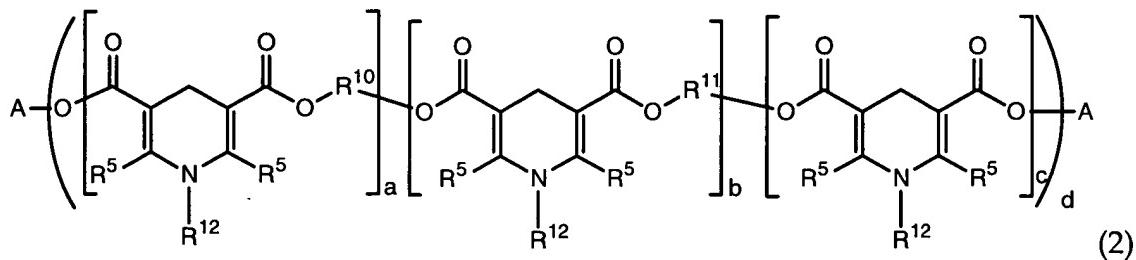
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the present application:

1. (Original) A stabilizer composition comprising a dihydropyridine, a polydihydropyridine, or a mixture thereof, wherein the dihydropyridine is of formula (1)



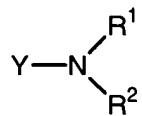
wherein each R⁵ is independently a C₁ to C₃₆ alkyl group, each R⁴ is independently hydrogen, -OR⁷, -NHR⁷, or -NR⁷R⁸ each R⁷ and R⁸ is independently a substituted or unsubstituted C₁-C₂₀ alkyl or C₂-C₂₀ alkenyl group, each R⁶ is independently hydrogen, oxygen, halogen, or a substituted or unsubstituted C₁ to C₃₆ alkyl, alkenyl, aryl, alkaryl, or aralkyl group, and R¹² is a hydrogen, a substituted or unsubstituted C₁-C₂₀ alkyl, C₆-C₃₆ aryl, or C₆-C₃₆ alkaryl group, and wherein the polydihydropyridine is of formula (2):



wherein A is a C₆₋₁₈ aryl or C₁₋₂₂ alkyl group that is unsubstituted or substituted with a C₁-C₁₈ alkoxy, C₁-C₁₈ alkylthio, hydroxy, acryloyloxy, methacryloyloxy, halogen, phenyl or naphthyl group, each R⁵ is independently a C₁ to C₃₆ alkyl group, a and b are a

number from 0 to 20, c is 0 or 1, and d is a number from 1 to 6, with the proviso that $d(a+b+c) > 1$ and $(a+b) > 0$, R^{10} and R^{11} are each independently methylene, phenyl, or an alkylene group of the type $(-C_pH_{2p}-X-)tC_pH_{2p}-$ wherein p is a number from 2 to 18, t is a number from 0 to 10, and X is oxygen or sulfur, and R^{12} is a hydrogen, a substituted or unsubstituted C_1-C_{20} alkyl, C_6-C_{36} aryl or C_6-C_{36} alkaryl group;

an amino alcohol of formula 3:



(3)

wherein Y is a substituted or unsubstituted C_1-C_{36} alkyl, C_6-C_{36} aryl, C_7-C_{36} alkaryl, or C_7-C_{36} aralkyl group; R^1 and R^2 are each independently hydrogen or a substituted or unsubstituted C_1-C_{36} alkyl, C_6-C_{36} aryl, C_7-C_{36} alkaryl, or C_7-C_{36} aralkyl group, and two of Y, R^1 , or R^2 may join together to form a substituted or unsubstituted C_2-C_{36} carbocyclic or heterocyclic group having oxygen or sulfur heteroatoms in the ring, and further wherein Y, R^1 , and R^2 are substituted so as to provide the aminoalcohol with two or more hydroxy groups; and/or a perchlorate salt.

2. (Original) The stabilizer composition of claim 1, wherein the composition comprises an aminoalcohol and the aminoalcohol is tris(hydroxymethylamino)methane, tris(hydroxyethylamino)ethane, triethanolamine, N,N' -bis(2-hydroxyethyl)ethylenediamine, glucamine, or a mixture comprising at least one of the foregoing aminoalcohols.

3. (Original) The stabilizer composition of claim 1, wherein the composition comprises a perchlorate salt and the perchlorate salt has the formula $M(ClO_4)_n$, wherein

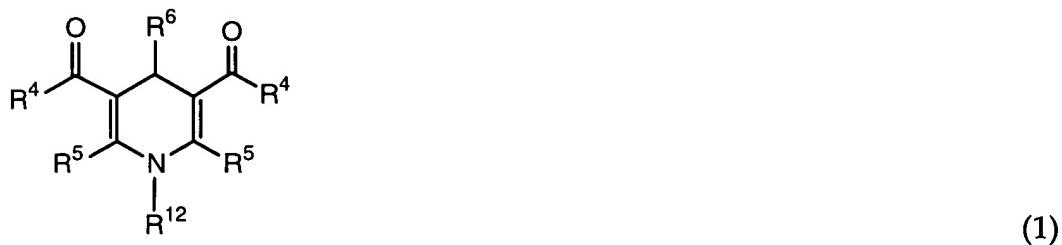
M is Li, Na, K, Mg, Ca, Sr, Zn, Al, La or Ce, and n is 1, 2 or 3, depending on the valence of M.

4. (Original) The stabilizer composition of claim 1, 2, or 3, wherein each R⁴ is -OR⁷, and R⁷ is a C₁-C₆ alkyl group.

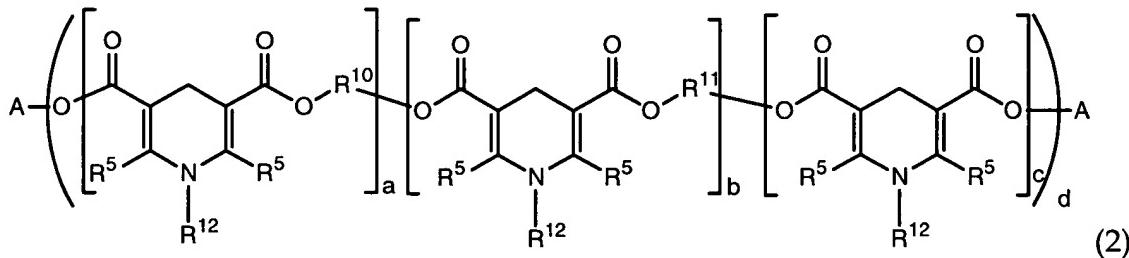
5. (Original) The stabilizer composition of claim 1, 2, or 3 wherein the composition comprises an aminoalcohol and a perchlorate salt, and wherein aminoalcohol is tris(hydroxymethylamino)methane or triethanolamine, each R⁴ is -OR⁷ wherein R⁷ is a methyl or ethyl group, each R⁵ is the same, and the perchlorate salt is sodium perchlorate.

6. (Original) A method of stabilizing a composition comprising adding to a halogen-containing vinyl polymer composition the stabilizer composition of claim 1, 2, or 3.

7. (Original) A polymeric composition, comprising a halogen-containing vinyl polymer, a dihydropyridine, a polydihydropyridine, or a mixture thereof, wherein the dihydropyridine is of formula (1)



wherein each R^5 is independently a C_1 to C_{36} alkyl group, each R^4 is independently hydrogen, $-OR^7$, $-NHR^7$, or $-NR^7R^8$ each R^7 and R^8 is independently a substituted or unsubstituted C_1 - C_{20} alkyl or C_2 - C_{20} alkenyl group, each R^6 is independently hydrogen, oxygen, halogen, or a substituted or unsubstituted C_1 to C_{36} alkyl, alkenyl, aryl, alkaryl, or aralkyl group, and R^{12} is a hydrogen, a substituted or unsubstituted C_1 - C_{20} alkyl, C_6 - C_{36} aryl, or C_6 - C_{36} alkaryl group, and wherein the polydihydropyridine is of formula (2):



wherein A is a C_{6-18} aryl or C_{1-22} alkyl group that is unsubstituted or substituted with a C_1 - C_{18} alkoxy, C_1 - C_{18} alkylthio, hydroxy, acryloyloxy, methacryloyloxy, halogen, phenyl or naphthyl group, each R^5 is independently a C_1 to C_{36} alkyl group, a and b are a number from 0 to 20, c is 0 or 1, and d is a number from 1 to 6, with the proviso that $d(a+b+c)>1$ and $(a+b)>0$, R^{10} and R^{11} are each independently methylene, phenyl, or an alkylene group of the type $(-C_pH_{2p}-X-)tC_pH_{2p-}$ wherein p is a number from 2 to 18, t is a number from 0 to 10, and X is oxygen or sulfur, and R^{12} is a hydrogen, a substituted or unsubstituted C_1 - C_{20} alkyl, C_6 - C_{36} aryl or C_6 - C_{36} alkaryl group;

an amino alcohol of formula 3:



wherein Y is a substituted or unsubstituted C_1 - C_{36} alkyl, C_6 - C_{36} aryl, C_7 - C_{36} alkaryl, or C_7 - C_{36} aralkyl group; R^1 and R^2 are each independently hydrogen or a substituted or unsubstituted C_1 - C_{36} alkyl, C_6 - C_{36} aryl, C_7 - C_{36} alkaryl, or C_7 - C_{36} aralkyl group, and two of Y , R^1 , or R^2 may join together to form a substituted or unsubstituted C_2 - C_{36} carbocyclic

or heterocyclic group having oxygen or sulfur heteroatoms in the ring, and further wherein Y, R¹, and R² are substituted so as to provide the aminoalcohol with two or more hydroxy groups; and/or
a perchlorate salt.

8. (Original) The stabilized copolymer composition of claim 7, wherein the composition comprises an aminoalcohol and the aminoalcohol is tris(hydroxymethylamino)methane, tris(hydroxyethylamino)ethane, triethanolamine, N,N'-bis(2-hydroxyethyl)ethylenediamine, glucamine, or a mixture comprising at least one of the foregoing aminoalcohols.

9. (Original) The stabilized polymer composition of claim 7, comprising 0.01 to 5 phr of the dihydropyridine, 0.1 to 3 phr of the aminoalcohol, and 0.001 to 5 phr of the perchlorate salt.

10. (Original) An article comprising the stabilized polymer composition of claim 7, 8, or 9.

11. (New) The stabilizer composition of claim 1 further comprising a polyol co-stabilizer.